

Fully Warranted

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26



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BADGER & MANLEY, P.
Vol. LI.

Maine Farm
Fair Calendar—1893.
COUNTY FAIRS.
Aroostook and Penobscot, Island Falls, C.

Franklin, Farmington, Oct. 9-11.
Knox, Rockland, Oct. 15-17.
No. Knox, Hope Corner, Oct. 9-11.
Piscataquis, Foxcroft, Oct. 3-5.
Sagadahoc, Topsham, Oct. 9-11.
West Oxford, Fryeburg, Oct. 9-11.
Waldo, Belfast, Oct. 3-5.
West Somerset, Anson, Oct. 4-5.
York, Biddeford, Oct. 10-13.

TOWN FAIRS

Franklin and Fryeburg, Oct. 22.

Bridgton and Harrison, Oct. 10-11.
Cushnoc Grange, Riverside, Oct. 4-5.
Gleham and Standish, Sebago Lake, Oct.

Pittston and Chelsea, Oct. 9.
Solon Cattle Show and Fair, Oct. 9.
Shapleigh & Acton, Oct. 9-11.

The Telephone Monopoly.

The assertion is made and with ap-
truth, that Prof. Bell is not the inven-
the telephone. Prof. Thompson one
most learned scientists in Europe ha-

thoroughly investigated the invention and researches of Johann Philipp Reis, a German man; and he finds that this man discovered the electric transmission of speech in 1861, and that he used devices and instruments corresponding with those now used in the system known as the Bell system of telephony. This is no idle assertion, resting on doubt or weak testimony; for fortunately

instruments used by Reis, and his description of them, have been preserved in the care of a learned institution,—Göttingen Institute of Friedrichsdorf, Germany. The *Annals of the Physical Society of Frankfurt* contain memoirs describing the telephone, which were presented by him in 1861. There can, therefore, remain no doubt whatever that Bell was antici-

Prof. Thompson has written a book which will soon be published presenting the story of the telephone by Reis, and, no doubt, create a sensation. Dr. W. E. Channing of Providence, one of the accomplished electricians now living

The full establishment of the fact presented, says the *Popular Science*, crushes the Bell telephone monopoly with the weight of a mountain. The

phone becomes the property of the w
open and free to all. This is a cons
tion devoutly to be wished for. It is
as observed by Dr. Channing, "ther
menace in connection with its present
trol, which justly awakens public con
Ripacious hands have clutched the th
of the telephone to extort oppressive

light of historic facts, the decision of courts of the United States, that Bell is discoverer of a new and useful art (electric transmission of speech), to whom he has exclusive title, must be reversed speedily as possible, that our courts retain the respect of the people of the United States."

The way pastures are made in England and in some other European countries is thus described. The land is selected the same as it is for any other crop. Rent is paid to its adaptability to produce a large amount of fine rich grasses. The soil is prepared to receive the seed, with

production of grass to be eaten while in its green state. Great pains are taken to render the soil as productive as possible. Water is supplied or drained off, as the wants of the land require. Weeds and bushes are exterminated or kept in check. Fertilizers are applied as they are to land devoted to cultivated crops. La-

use of the roller, and very heavy soils loosened by the employment of the har or scarifier. Most farmers in this county, however, neglect all these things. Land is not selected for a pasture. It is rocky, broken, or difficult to cultivate. It is too wet or dry to produce good crops of corn, grain, potatoes, or roots; it is

other purpose, but the land for pasture is what was rejected as unsuitable for other use. Sometimes a piece of land originally productive is devoted to pasture purposes. If this is the case, it is generally after it has been "cropped to death." It is first planted to corn for several years, then sown to grain for a period equal

long, and then laid down to grass and
for mowing purposes. After the crop
grass becomes so light that it scarcely p
for the work of cutting, the farmer c
cludes that the only thing he can do w
the land is to devote it to supporting s
during the summer, when he expects
make the most out of them. There are
evidences of beneficent design in most

Fall Seeding.

Mr. O. M. Tinkham of Windsor county, Vermont, sends to the *Homestead* his views upon the much discussed question of the best time to sow grass seed. He says that fall seeding is more likely to be successful than spring seeding.

The soil should be thoroughly prepared. The finer the tilth, the better will the roots and rootlets find congenial conditions for growth.

able season quite a crop of hay may be obtained with the stubble after the wheat is harvested. winter wheat generally follows corn with me. The cultivation of that crop partially prepares the soil for the wheat. If the manure for the corn was plowed in it is turned up by the fall plowing, and thus in just the condition to be of great help to the young plant. I generally apply no manure for seedling after corn, but I manure enough for that to give the grass

I aim to have my corn ready to harvest September 1, then plow and harrow the ground thoroughly, and sow the wheat with grass,